

Preliminary Classification:

Proposed Class:

Subclass:



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**MAIL STOP PATENT APPLICATION**

**Commissioner for Patents**

**P.O. Box 1450**

**Alexandria VA 22313-1450**

**NEW APPLICATION TRANSMITTAL**

Transmitted herewith for filing is the patent application of

Inventor(s): Ronald Barrett; Donald E. Abrino; Harold D. Prior, Jr.; Regis M. Perich

For (title): INJECTION LANCE

**1. Type of Application**

This application is for an original (non-provisional).

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**EXPRESS MAILING UNDER 37 C.F.R. § 1.10\***

*(Express Mail label number is mandatory.)*


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I hereby certify that this paper, along with any document referred to, is being deposited with the United States Postal Service on **November 21, 2003** in an envelope addressed to MAIL STOP PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 as "Express Mail Post Office to Addressee" Mailing Label No. **ER 556402105 US**.

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Type or print name of person mailing paper

Date: November 21, 2003

  
Signature of person certifying

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**2. Papers Enclosed**

A. Required for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 (Design) Application

13 Page(s) of Specification  
3 Page(s) of Claims  
3 Sheet(s) of Drawing(s)--Formal

B. Other Papers Enclosed

1 Page(s) of abstract

**3. Declaration or Oath**

Not Enclosed. Application is made by a person authorized under 37 C.F.R. § 1.41(c) on behalf of all of the above-named inventors.

**4. Language**

English

**5. Assignment**

An assignment of the invention to **North American Refractories Co.** will follow.

**6. Fee Calculation (37 C.F.R. § 1.16)**

Regular Application

CLAIMS AS FILED										
Basic Fee 37 C.F.R. § 1.16(a) \$770.00										
Number Filed			Number Extra			Rate				
Total										
Claims (37 C.F.R. § 1.16(c))			19	—	20	=	0	x	\$ 18.00	= \$ 0.00
Independent										
Claims (37 C.F.R. § 1.16(b))			1	—	3	=	0	x	\$ 86.00	= \$ 0.00
Multiple Dependent Claim(s), if any (37 C.F.R. § 1.16(d))									\$ 290.00	\$ 0.00
Filing Fee Calculation										\$770.00

**7. Fee Payment Being Made at This Time**

Enclosed - Filing Fee \$770.00

**Total Fees Enclosed \$770.00**

**8. Method of Payment of Fees**

Authorization is hereby made to charge the amount of **\$770.00** to credit card as shown on the attached credit card information authorization form PTO-2038. Charge any additional fees required by this paper or credit any overpayment to our Deposit Account No. 50-0537. A duplicate of this paper is attached.

**9. Authorization to Charge Additional Fees**

The Office is hereby authorized to charge, in the manner shown above, the following additional fees that may be required by this paper and during the entire pendency of this application.

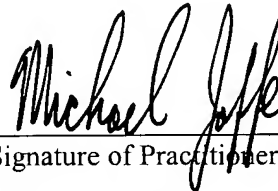
- 37 C.F.R. § 1.16(a), (f) or (g) (filing fees)
- 37 C.F.R. § 1.16(b), (c) or (d) (presentation of extra claims)

**10. Instructions as to Overpayment**

Credit Account No. 50-0537.

Date: November 21, 2003

Reg. No.: 36,326  
Tel. No.: 440-684-1090  
Customer No.: 22203



Signature of Practitioner

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